



PATENT ABSTRACTS OF JAPAN

(11) Publication number: 10252833 A

(43) Date of publication of application: 22.09.98

(51) Int. Cl

F16G 1/00
B41M 1/32

(21) Application number: 09070693

(22) Date of filing: 07.03.97

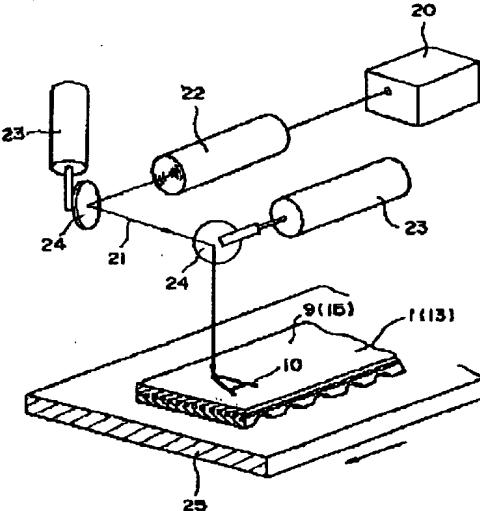
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NAMISASHI YOSHIHIRO(54) MOTIVE POWER TRANSMITTING BELT HAVING
MARK AND MARK STAMPING METHOD

(57) Abstract:

PROBLEM TO BE SOLVED: To leave a clear mark even if a belt back face is used as a driving surface, and prevent the deterioration of a mechanical characteristic of a belt by stamping the mark by irradiating a printing laser beam to the back face becoming the driving surface.

SOLUTION: A printing laser beam 21 oscillated from a laser oscillating part 20 is condensed to a condenser lens 22, and a laser spot is minimized on a surface, and a scan mirror 24 is scanned by a control part 23, and while adjusting an angle of reflection of the laser beam 21, it is irradiated to a back face 9(15) of a belt 1(13) arranged on a movable support stand 25, and a mark 10 is stamped in a prescribed range. This resembles the principle of printing a surface, and the irradiated laser beam 21 instantly melts and gasifies a very small part of the back face 9(15), and forms a recess. Since there is no need to irradiate a strong laser beam 21 for many hours, a constitutive member of the belt, for example, a conductor or the like is not damaged by heat.



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